

Plastiment® -R

Water Reducing and Retarding Concrete Admixture

Product Description	Plastiment® -R is a liquid set retarding concrete admixture with plasticizing effect. Substantial water reduction can be achieved without loss of workability. It complies with ASTM C 494 – 81 Type D.]
Uses	Plastiment® -R is used when high quality concrete is required in difficult conditions such as: <ul style="list-style-type: none"> ■ High temperatures. ■ Long hauls. ■ Ready-mix concrete. ■ Pre-stressed concrete. ■
Advantages	Plastiment® -R Provides the following properties: <ul style="list-style-type: none"> ■ Increased setting time at elevated temperatures. ■ Long-lasting control of slump loss. ■ Improved workability without increased water content. ■ Accelerated hardening after setting. ■ Reduced water without loss of workability. ■ Reduced shrinkage and creep. ■ Improved surface finish. ■ Chloride free-does not attack reinforcement. ■
Technical Data	
Type	Special organic agents.
Colour	Brown
Density (at 20°C)	1.086 kg/l (ASTM C-494)
Packaging	200 liter drums Bulk Tanks packing available upon request
Storage	Store in dry conditions, protected from direct sunlight and frost.
Shelf life	12 months from date of production if stored properly in original unopened packing.
Application	
Dosage	0.2 - 0.8 % by weight of cement. Actual dosage rate required is dependant on effect sought, quality of cement and aggregate, and water: cement ratio and temperature. In many cases it is advisable to carry out trial mixes to establish the exact rate required. Plastiment® -R is compatible with all types of Portland Cement, including S.R.C
Dispensing	Plastiment® -R should be dispensed directly into mixing water prior to its addition to the aggregates. Accurate dispensing equipment is ready available from Sika. When accidental overdosing occurs, Plastiment® -R does not entrain excessive amounts of air.



Safety Instructions

Safety Precautions	Accidental splashes to the skin must be washed off with water and soap. Accidental splashes to the eyes or mucous membrane must be rinsed with clean warm water. Seek medical attention without delay.
Ecology	Do not dispose of into water or soil but according to local regulations.
Transport	Non-hazardous
Toxicity	Non-Toxic under the relevant health and safety codes.

Legal notes

The information, and in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



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